JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled. METHOD OF HIGHLY SENSITIVE ANALYSIS OF NUCLIDES BY MULTIPLE GAMMA_RAY DETECTION the specification of which is attached hereto. was filed on ____as Application Serial Number ____and was amended on ____(if applicable). was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. _____, filed ____, and amended on ____ (if any). We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a). Æ. Prior Foreign Application(s) We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's ceruficate having a filing date before that of the application on which priority is claimed: **Priority Claimed** N Date of Filing Date of Issue Under 35 U.S.C. (day month year) Country Application No. (day month year) **§119** Japan 168638/2000 6/6/00 Yes 353052/1999 13/12/99 Japan No u **Prior United States Provisional Application(s)** We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below: Priority Claimed Date of Filing Under 35 U.S.C. §119(e)(1) U.S. Provisional Application No. (day month year) **Prior United States Application(s)** We hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Status - Patented, Date of Filing (Day, Month, Year) Pending, Abandoned Application Serial No.

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following at attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	HONG, Patricia E.	34,373	NELSON, Jon O.	24,566
BANNER, Donald W.	17,037	HOSCHEIT, Dale H.	19,090	NIEGOWSKI, James A.	28,331
BANNER, Mark T.	29,888	HYMEL, Lin J.	45,414	PATEL, Binal J.	42,065
BANNER, Pamela I.	33,644	IWANICKI, John P.	34,628	PATHAK, Ajay S.	38,266
BECKER, Matthew P.	45,824	JACKSON, Thomas H		PETERSON, Thomas L.	30,969
BECKETT, William W.	18,262	KAGAN, Sarah A.	32,141	POTENZA, Joseph M.	28,175
BERGHAMMER, Joseph J.	46,057	KATZ, Robert S.	36,402	PRATT, Thomas K.	37,210
BODNER, Jordan	42,338	KLEIN, William J.	43,719	RENK, Christopher J.	33,761
BUROW, Scott A.	42,373	KRAUSE, Joseph P.	32,578	RESIS, Robert H.	32,168
CALLAHAN, James V.	20,095	LINEK, Ernest V.	29,822		
CHANG, Steve S	42,402	MALONE, Dale A.	32,155	RIVARD, Paul M.	43,446
COHAN, Gregory J.	40,959	MANNAVA, Ashok K		ROBINSON, Douglas W.	32,751
COOPERMAN, Marc S.	34,143	MAPLE, Marie-Claire		SCHAD, Steven P.	32,550
CURTIN, Joseph P.	34,571	MAY, Steven A.		SHIFLEY, Charles W.	28,042
DAVID, Michael	44,642		44,912	SHULL, Jason	47,085
DeMOOR, Laura J.	39,654	McDERMOTT, Peter I		SKERPON, Joseph M.	29,864
EVANS, Thomas L.		McKEE, Christopher I	•	STOCKLEY, D. J.	34,257
	35,805	McKIE, Edward F.	17,335	VAN ES, J. Pieter	37,746
FEDOROCHKO, Gary D.	35,509	MEDLOCK, Nina L.	29,673	WITCOFF, Sheldon W.	17,399
FERGUSON, Catherine A.	40,877	MEECE, Timothy C.	38,553	WOLFFE, Franklin D.	19,724
FICKLER, Debra A.	46,699	MEEKER, Frederic M	•	WOLFFE, Susan A.	33,568
FISHER, William J. GLEMBOCKI, Christopher R.	32,133	MILLER, Charles L.	43,805	WRIGHT, Bradley C.	38,061
HANLON, Brian E.	38,800	MITRIUS, Janice V.	43,808		
- : HEMMENDINGED I : M	40,449	MORENO, Christophe			
HEMMENDINGER, Lisa M.	42,653	MOTTLEY, Darrell G	. 42,912		
All company days					
All correspondence	and telephor	ne communications she	ould be addressed t	0:	
E ii					
Sensitive Sensit		Banner & W	itcoff Ltd		
200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Customer Number:	,		
** ₩		Customer Number:	22907 (WDC)		

We hereby declare	that all stater	nents made herein of c	our own knowledge	are true and that all stateme	nts made on
Tinformation and belief are be	lieved to be	true; and further that the	hese statements we	re made with the knowledge	that willful
false statements and the like	so made are	nunishable by fine or i	imprisonment or be	oth under Section 1001 of T	itle 18 of the
United States Code and that	such willful	false statements may is	comendize the velidi	traftha amplication on any	natantiamina
La de la constante de la const	such william	iaise statements may je	copardize die vandi	ty of the application of any	batent issuing
thereon.					
	20	- /			
Mass	i Ola	/ ^			
Signature // Wax	s con		`	Date May 28, 200	1
Full Name of First Inventor		OSHIMA	Masumi	<u> </u>	
Tan rame of this inventor_					
		Family Name	First Given Na		ame
Residence <u>Ibar</u> aki			Citizenship Japa	anese	
Post Office Address c/o	Japan Ato	omic Energy Rese	earch Institut	te. Tokai Research	Fetahliehment
of 2-	-/ Ago S	Shirane, Shiraka	to Tolerat	- N-1	DISCHOLL FISHING IT C
01 2	-4, Aza c	onitane, Sniraka	ita, lokal-mul	ra, Naka-gun,	
Ibara	aki-ken,	Japan			
		,			
4. Chi	Haten	Laure -			
Signature	1 300 120	Lane		Date May 28, 200	ı
Evil Name of Colored T		HATSUKAWA	Variate :	DateMay 28, 200	<u> </u>
Full Name of Second Invento			Yuichi		
*		Family Name	First Given Na	ame Second Given N	ame
Residence Ibaraki		-	Citizenshir	_Japanese	
	Tanan Ata	mio Enomore Dogo	_ Creations		

Ibaraki-ken, Japan

Post Office Address <u>c/o Japan Atomic Energy Research Institute</u>, Tokai Research Establishment of 2-4, Aza Shirane, Shirakata, Tokai-mura, Naka-gun,

S:	a be hit	Dojahum	_	
D.5				e <u>May 28, 2001</u>
Full Name of Third	Inventor	HAYAKAWA	Takehito	9 10; X
Residence	Tharaki	Family Name	First Given Name Citizenship	Second Given Name
	c/o Japan A	tomic Energy	Research Institute	Tokai Research Establishment
1 001 011100 11001005	of 2-4. Aza	Shirane. Sh	irakata. Tokai-mura.	Naka-gun, Ibaraki-ken, Japan
		- 7h		naka gan, ibaraki-ken, Japan
Signature	Junion	- In	Dat	e May 28, 2001
Full Name of Fourth	Inventor	ТОН	Yosuke	
		railing Name	First Given Name	Second Given Name
Residence	<u> Ibaraki</u>		Citizenship	<u>Japanese</u> Tokai Research Establishment
Post Office Address	c/o Japan A	Atomic Energy	Research Institute,	Tokai Research Establishment
			irakata, Tokai-mura,	Naka-gun, Ibaraki-ken, Japar
Signature No	too Shi	l.	D	_e May 28, 2001
Full Name of Fifth I	nventor	SHINOHARA	Nobuo Dat	e
Tun Name of Fitti 1	iiveiitoi	Family Name	First Given Name	Second Given Name
Residence	Tharaki	i mining i vanile	Citizenshin	Japanese
Post Office Address	c/o Japan A	Atomic Energy	Research Institute.	<u>Tokai Research Establish</u> ment
	of 2-4, Aza	Shirane, Sh	irakata, Tokai-mura,	Naka-gun, Ibaraki-ken, Japar
				o v rbaraki ken, bapar
Signature		· · · · · · · · · · · · · · · · · · ·	Dat	e
Full Name of Sixth 1	inventor	- 1		
iin: -		Family Name	First Given Name	Second Given Name
Residence			Citizenship	
Fost Office Address				
SignatureFull Name of Sevent			Date	e
Full Name of Sevent	th Inventor			
		Transilas Manas	Tr. 4 Cr. 3.7	Second Given Name
Residence			Citizenship	
Post Office Address		· · · · · · · · · · · · · · · · · · ·		
Signature			D	
Full Name of Eighth			Date	
i an ivalue of Eighti	inventor	Family Name	First Given Name	Second Given Name
Residence		Tuning Traine	Citizenship	
Post Office Address				
Signature	-		Date	=
Full Name of Ninth	Inventor	D 11 - N7	B' G'	
Desidence		Family Name	First Given Name	
Residence			Citizenship	
rost Office Address				
Tost Office Address				
Signature			Date)
Signature				<u> </u>
SignatureFull Name of Tenth	Inventor	Family Name	First Given Name	
SignatureFull Name of Tenth Residence	Inventor	Family Name	First Given Name	